

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-19. (Canceled)

20. (Currently amended) A streaming data playback apparatus comprising:
a playback circuit which reproduces streaming data from a recording medium;
an interface circuit which performs a scramble process on the streaming data
reproduced by the playback circuit and adds copy control information to the scrambled streaming
data for transmission to a destination apparatus;
wherein the interface circuit exchanges key information used for the scramble
process and a descramble process with ~~a~~the destination apparatus for the streaming data by
performing an authentication process with the destination apparatus; and
when transmitting the streaming data from the recording medium to the
destination apparatus, the interface circuit changes the copy control information added to the
scrambled streaming data depending on a first case ~~that wherein~~ the streaming data ~~remains~~
~~stored in~~ is retained on the recording medium for playback after transmission of the streaming
data ~~transmission~~ and a second case ~~that wherein~~ the streaming data on the recording medium is
deleted from the recording medium to be disabled from playback after transmission of the
streaming data.

21. (Previously presented) The streaming data playback apparatus according
to claim 20 wherein:
in the first case the interface circuit adds to the scrambled streaming data the copy
control information indicating that the transmitted streaming data should not be recorded into
any recording device; and

6 in the second case the interface circuit adds to the scrambled streaming data the
7 copy control information to indicate that the transmitted streaming data may be recorded into a
8 recording device.

1 22. (Previously presented) The streaming data playback apparatus according
2 to claim 20 wherein prior to the transmission of the streaming data, the interface device transmits
3 a command to the destination apparatus to instruct the destination apparatus to begin recording.

1 23. (Previously presented) The streaming data playback apparatus according
2 to claim 20 wherein the recording medium comprises a hard disk drive.

1 24. (Currently amended) A streaming data playback apparatus comprising:
2 a playback circuit which reproduces streaming data from a recording medium;
3 an interface circuit which performs a scramble process on the streaming data
4 reproduced by the playback circuit and adds copy control information to the scrambled streaming
5 data for transmission to a destination apparatus;

6 wherein the interface circuit exchanges key information used for the scramble
7 process and a descramble process with ~~a~~the destination apparatus ~~of~~for the streaming data[[,]]
8 by performing an authentication process with the destination apparatus; and

9 during transmission of the streaming data from the recording medium to the
10 destination apparatus, the interface circuit changes the copy control information, refuses to
11 perform an authentication process with any apparatus other than the destination apparatus, and
12 after the transmission of the streaming data, deletes the streaming data on the recording medium
13 ~~is disabled from playback,~~

14 wherein the copy control information is changed depending on whether the
15 streaming data is retained on the recording medium for playback after transmission thereof or
16 whether the streaming data is deleted from the recording medium after transmission thereof.

1 25. (Currently amended) A streaming data playback apparatus comprising:
2 a playback circuit which reproduces streaming data from a recording medium;
3 an interface circuit which performs a scramble process on the streaming data
4 reproduced by the playback circuit and adds copy control information to the scrambled streaming
5 data for transmission to a destination apparatus;

6 wherein the interface circuit establishes a channel to ~~a~~the destination apparatus of
7 the streaming data for transmission of the streaming data;

8 wherein the interface circuit exchanges key information used for the scramble
9 process and a descramble process with the destination apparatus by performing an authentication
10 process with the destination apparatus; and

11 wherein when transmitting the streaming data from the recording medium to the
12 destination apparatus, the interface circuit changes the copy control information, disconnects
13 channels other than the channel used for transmitting the streaming data to the destination
14 apparatus, and after the transmission of the streaming data, deletes the streaming data on the
15 recording medium ~~is disabled from playback,~~

16 wherein the copy control information is changed depending on whether the
17 streaming data is retained on the recording medium for playback after transmission thereof or
18 whether the streaming data is deleted from the recording medium after transmission thereof.

1 26. (Previously presented) The streaming data playback apparatus according
2 to claim 25, wherein, when transmitting the streaming data to the destination apparatus on the
3 channel, the interface circuit refuses to authenticate any apparatus which tries to share the key
4 information used in the channel.

1 27. (Currently amended) A streaming data playback apparatus comprising:
2 a playback circuit which reproduces streaming data from a recording medium;
3 an interface circuit which performs a scramble process on the streaming data
4 reproduced by the playback circuit and adds copy control information to the scrambled streaming
5 data for transmission to at least a first and a second destination apparatus;
6 wherein the interface circuit establishes a first channel to a first destination
7 apparatus of the streaming data for transmitting the streaming data, and a second channel to a
8 second destination apparatus of the streaming data for transmitting the same streaming data;
9 wherein the interface circuit exchanges first key information used for the
10 scramble process and a descramble process with the first destination apparatus by performing an
11 authentication process with the first destination apparatus, and exchanges second key
12 information, different from the first key information, used for the scramble process and the
13 descramble process with the second destination apparatus by performing the authentication
14 process with the second destination apparatus; and
15 when transmitting the streaming data from the recording medium to the at least
16 first and second destination apparatus, the interface circuit adds to the scrambled streaming data
17 on the first channel the copy control information indicating that the transmitted streaming data
18 may be recorded into a recording device, and the interface circuit changes the copy control
19 information, adds to the scrambled streaming data on the second channel the copy control
20 information indicating that the transmitted streaming data can not be recorded by a recording
21 device, and deletes the streaming data on the recording medium ~~is disabled from playback after~~
22 the streaming data transmission,
23 wherein the copy control information is changed depending on whether the
24 streaming data is retained on the recording medium for playback after transmission thereof or
25 whether the streaming data is deleted from the recording medium after transmission thereof.

1 28. (Previously presented) The streaming data playback apparatus according
2 to claim 27 wherein the first destination apparatus comprises a recording device and the second
3 destination apparatus comprises a display device.

1 29. (Currently amended) A streaming data playback apparatus comprising:
2 a playback circuit which reproduces streaming data from a recording medium;
3 an interface circuit which performs a scramble process on the streaming data
4 reproduced by the playback circuit and adds copy control information to the scrambled streaming
5 data for transmitting the scrambled streaming data and the copy control information to a
6 recording device;

7 wherein when transmitting the streaming data, the interface circuit changes the
8 copy control information added to the scrambled streaming data depending on a first case that
9 the streaming data is ~~to remain stored~~ retained on the recording medium after the streaming data
10 transmission and a second case that the streaming data on the recording medium is deleted from
11 the recording medium to be disabled from after transmission of the streaming data transmission,
12 and

13 in the second case, when the data transmitted is deleted, the interface circuit
14 interrupts the recording operation and changes the copy control information when the interface
15 circuit confirms that the recording device has recorded the transmitted streaming data, the
16 streaming data on the recording medium is made playback disabled, and when the interface
17 circuit detects that the transmission of the streaming data fails to proceed, reading of the data is
18 stopped and the data remaining on the recording medium at that moment is retained~~recording~~
19 ~~device terminates recording the transmitted streaming data or the transmission of the streaming~~
20 ~~data is interrupted, the streaming data on the recording medium is not made playback disabled.~~

1 30. (Previously presented) The streaming data playback apparatus according
2 to claim 29 wherein:

3 in the first case, the interface circuit adds to the scrambled streaming data the
4 copy control information indicating that the transmitted streaming data can not be recorded into a
5 recording device; and

6 in the second case, the interface circuit adds to the scrambled streaming data the
7 copy control information indicating that the transmitted streaming data may be recorded into a
8 recording device.